# TRANSFER GUIDE

**AAS Elect/Electronic Automated Systems Tech transferring into BS Electrical Engineering Tech**

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<tr>
<th>Joliet Junior College Courses</th>
<th>Southern Illinois University Carbondale Courses</th>
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<tr>
<td><strong>AAS Electrical/Electronic Automated Systems Technology – 64 hours</strong></td>
<td><strong>BS Electrical Engineering Technology – 68 hours</strong></td>
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<tr>
<td>COMM 101-3 Principles of Speech Communication</td>
<td>Elective-3 Social Science EET 332B-4 AC Electric Machines/Power Systems</td>
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<tr>
<td>ENG 101-3 Rhetoric</td>
<td>Elective-3 Fine Arts EET 403A-4 Electronic Circuit Analysis</td>
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<tr>
<td>MATH 142-5 Accelerated Trigonometry/Pre-Calc</td>
<td>Elective-3 Multicultural EET 403B-4 Electronics Application &amp; Design</td>
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<tr>
<td>MATH 170-5 Calculus w/ Analytic Geometry I</td>
<td>MATH 282-3 Introduction to Statistics EET 437A-4 Telecomm Systems Fundamentals</td>
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<tr>
<td>BIOL 144-3 Introduction to Human Heredity</td>
<td>PHYS 203/253B-4 College Physics/Lab EET 437B-4 Data &amp; Computer Communication</td>
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<tr>
<td>Elective-3 Social/Behavioral Science</td>
<td>ENGR 222-2 Comp Methods for Engineers &amp; Tech EET 438A-4 Automatic Control Systems Tech</td>
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<tr>
<td>Elective-3 Humanities/Fine Arts</td>
<td>EET 238-4 Digital System Fundamentals EET 438B-4 Seq Digital Control/Data Acquisition</td>
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<tr>
<td>EEAS 101-4 Basic Wiring and Circuit Design</td>
<td>EET 304A-4 AC/DC Circuit Theory and Application EET 439-4 MCU Application &amp; Design</td>
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<td>EEAS 111-4 Industrial Controls I</td>
<td>EET 304B-4 Network Theory and Application EET 495A-1 EET Senior Design I</td>
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<tr>
<td>Elective-3</td>
<td>EET 332A-4 DC Motors, Gen &amp; Energy Conversion EET 495B-1 EET Senior Design II</td>
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**Total Hours to Bachelor Degree: 132**

**Salary Range:** $55,000-$75,000

**Possible Careers:**
- Electronics Design Engineer
- Field Service Engineer
- Hardware Engineer
- Senior Engineering Technician
- Test Engineer

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**Questions? Contact Us!**

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**Southern Illinois University Carbondale**
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Electrical Engineering Technology
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**Disclaimer:** You are encouraged to use this transfer guide when planning your progress towards degree completion. Following a transfer guide does not guarantee admission into the listed program. Information is assumed current; however, any curriculum changes reflected in the Undergraduate Catalog override the information on this guide. Contact your Academic Advisor for assistance in interpreting this guide.
Baccalaureate Degree Requirements
Each candidate for a bachelor’s degree must complete the requirements listed:

**Hour Requirements.** Each student must complete at least 120 semester hours of credit. Each student must have at least 42 hours in courses that number 300 or above from a four-year institution.

**Residence Requirements.** Each student must complete the residence requirement by taking the last year, which is defined as 30 uninterrupted semester hours, or a total of 90 semester hours at SIU Carbondale.

**Grade Point Average Requirements.** Each student must have a C average for all work taken at SIU Carbondale. Some academic programs may require a higher graduating major GPA.

Dual Admission Program
The Dual Admission Program (DAP) allows baccalaureate-oriented students at eligible community colleges to benefit from pre-advisement for a chosen major at SIU Carbondale. The DAP addresses specific departmental requirements that a student may not automatically fulfill by completing their associate degree at their community college. Students apply to the DAP by completing the Application for Undergraduate Admission and indicating interest in the DAP. Students must have at least two semesters remaining at their community college to participate, must select a participating SIU major, and must attend an eligible community college. Students who apply for the DAP are provided a transfer plan that will guide them to the most direct route to their bachelor’s degree, along with personalized contact with an SIU representative. Dual Admission Program students receive access to enroll in an online Dual Admission Program course, which connects students early to the University, its resources, and other transfer students.

Compact Agreement
SIU has recognized the Illinois regionally accredited community college transferable baccalaureate oriented Associate of Arts or Associate of Science degrees under the Compact Agreement since 1970. SIU will continue to recognize the baccalaureate oriented associate degree (A.A. or A.S. degree) under the Illinois Articulation Initiative as satisfying SIU University Core Curriculum (UCC). The Associate of Applied Science (A.A.S.), Associate in Engineering Science (A.E.S.), the Associate in General Studies (A.G.S.), and the Associate in Fine Arts (A.F.A.) are not covered under the Compact Agreement and do not carry the same benefits as the A.A. and A.S. degrees.

Degree Works
*Degree Works* is an easy-to-use, comprehensive, online degree audit tool specifically designed for students. The audit reflects program requirements from the Undergraduate Catalog measured against registration and transfer work to guide the degree audit function as it applies to the individual student. Once admitted to SIU Carbondale, you can run a Degree Works degree audit against your academic record by searching “Degree Works” in SalukiNet.